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map in colors shows the forest and prairie areas, and the distribution of the principal timber trees.

The total number of plants, including species and varieties enumerated in this catalogue is 1650, belonging to 557 genera and representing 118 natural orders. The series are distributed as follows :

Dicotyledons	1141
Monocotyledons.....	427
Gymnosperms.....	14
Pteridophytes.....	68

The catalogue is sent out as a report of progress, and the hope is expressed that it will incite all workers in the field to increased efforts. The final report is to include the lower groups of plants as well as the higher.—*Charles E. Bessey.*

RECENT BOOKS AND PAMPHLETS.

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Packard, A. S.—On the embryology of *Limulus polyphemus*. III. Proc. Amer. Philosophical Soc., May, 1885. From the author.

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Moseley, H. N.—Notes on the structure of Seriatopora, Pocillopora, Corallium and Tubipora. Ext. Quart. Jour. Mic. Soc., 1882.

—On the pharynx of an unknown Holothurian of the family Dendrochirotae, in which the calcareous skeleton is remarkably developed. Ext. idem., 1884.

—On the presence of eyes in the shells of certain Chitonidae, and on the structure of these organs. Ext. idem., 1884.

—Address to the biological section of the British Association, Montreal, 1884. All from the author.

Dawson, G. M.—On the superficial deposits and glaciation of the district in the vicinity of the Bow and Belly rivers. Ext. Rep. Geol. Surv. Canada, 1882–84. From the author.

Lydekker, R.—Catalogue of the fossil Mammalia in the British Museum. Part I. London, 1885. From the author.

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Gaudry, A.—Nouvelle galerie de Paléontologie. Mus. d'Histoire Nat., Paris, 1885.

—Nouvelle note sur les reptiles permien. Both from the author.

Boehm, G.—Beiträge zur Kenntniss der grauen Kalke in Venetien. Berlin, 1884. From the author.

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—Les sarcoptides plumicoles ou analgésinés. 1re partie, Les Pterolichés, Paris, 1885. From the authors.

Claus, C.—Elementary textbook of zoölogy. Translated by A. Sedgwick and F. G. Heathcote. 2 vols. New York, Macmillan & Co. From the publishers.

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